

## **Existing Practices for Se from Agricultural Sources Grasslands Area Farmers Short Term Practices**

- 1. Regional Drainage Entity**
- 2. Drainage Coordinator**
- 3. Farmer / Irrigator Workshops**
- 4. Newsletter**
- 5. Monitoring Program**
- 6. Active Land Management Program**
- 7. Irrigation System Loans**
- 8. Pre-irrigation Economic Incentive Programs**
- 9. Irrigation Season Economic Incentive Programs**
- 10. Sump Management**
- 11. Tailwater Prohibition**
- 12. Subsurface Drainage Recycling Systems**
- 13. Subsurface Drainage Displacement**

**Grassland Bypass Project Future Activities:**

- Active land management
- Panoche membrane removal (estimated cost \$750/af of treated water)
- Broadview flow through Wetlands
- Panoche algal-bacterial selenium removal facility
- Firebaugh filtration treatment process
- In-valley salt disposal

Preliminary studies are beginning on disposal of salts from the Grassland drainage area by applying drainage water to salt tolerant crops for evapotranspiration of the water and concentration of the salts to a solid state for disposal. \$41,000,000 capital cost.

- Out-of valley disposal

Several participants in the Grassland Bypass Project plan to participate in a San Joaquin Valley Drainage Joint Powers Authority in an MOU with the State Water Resources Control Board to investigate long-term drainage alternatives for the San Joaquin Valley.